

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawings filed insert date 9-5-01 are

A required by the Draftsperson under 37 CFR 1.84 or 1.152.

B rejected by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS: 37 CFR 1.84(a). Acceptable categories of drawings. <input checked="" type="checkbox"/> Black ink: Color <input type="checkbox"/> Color drawings are not acceptable until petition is granted. <input type="checkbox"/> Figs: _____ <input type="checkbox"/> Pencil and non black ink not permitted. Figs: _____</p> <p>2. PHOTOGRAPHS: 37 CFR 1.84(b) <input type="checkbox"/> A full tone set is required. Figs: _____ <input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(c) <input type="checkbox"/> Poor quality (blurred). Figs: _____</p> <p>3. TYPE OF PAPER: 37 CFR 1.84(c) <input type="checkbox"/> Paper not flexible, strong, white, and durable. <input type="checkbox"/> Figs: _____ <input type="checkbox"/> Fades, Petersons, overwritings, interlineations, fold, crease, machine marks not accepted. Figs: _____ <input type="checkbox"/> Mylar, vinyl paper is not acceptable (no thin). <input type="checkbox"/> Figs: _____</p> <p>4. SIZE OF PAPER: 37 CFR 1.84(f). Acceptable sizes: <input type="checkbox"/> 21.0 cm b. 29.7 cm (DIN size A4) <input type="checkbox"/> 21.6 cm b. 27.9 cm (8 1/2 x 11 inches) <input type="checkbox"/> All drawing sheets of the same size <input type="checkbox"/> Sheets: _____ <input type="checkbox"/> Drawings sheets not an acceptable size. Figs: _____</p> <p>5. MARGINS: 37 CFR 1.84(g). Acceptable margins: <input type="checkbox"/> Top 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm <input type="checkbox"/> SIZE: A4 Size <input type="checkbox"/> Top 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm <input type="checkbox"/> SIZE: 8 1/2 x 11 <input type="checkbox"/> Margins not acceptable. Figs: <u>2A</u> <input type="checkbox"/> Top: _____ Left: _____ <input type="checkbox"/> Right: _____ Bottom: _____ <input type="checkbox"/> _____</p> <p>6. VIEWS: 37 CFR 1.84(i). REMINDER: Specification may require revision to correspond to drawing changes. Partial views: 37 CFR 1.84(h)(2) <input type="checkbox"/> Brackets needed to show figure is one entity. <input type="checkbox"/> Figs: _____ <input type="checkbox"/> Views not labeled separately or properly. <input type="checkbox"/> Figs: _____ <input type="checkbox"/> Enlarged view not labeled separately or properly. <input type="checkbox"/> Figs: _____</p> <p>7. SECTIONAL VIEWS: 37 CFR 1.84(h)(3) <input type="checkbox"/> Halving not indicated for sectional portions of an object. <input type="checkbox"/> Figs: _____ <input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Figs: _____</p>	<p>8. ARRANGEMENT OF VIEWS: 37 CFR 1.84(m) <input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when paper is either upright or turned so that the top faces the right side, except for graphs. Figs: _____</p> <p>9. SCALE: 37 CFR 1.84(k) <input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. <input type="checkbox"/> Figs: _____</p> <p>10. CHARACTER OF LINES, NUMBERS & LETTERS: <input checked="" type="checkbox"/> 37 CFR 1.84(d) <input type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined. Clean, durable, and black (poor line quality). <input type="checkbox"/> Figs: <u>5</u></p> <p>11. SHADING: 37 CFR 1.84(m) <input type="checkbox"/> Soft, flat areas pale. Figs: _____ <input type="checkbox"/> Soft, flat shading not permitted. Figs: _____ <input type="checkbox"/> Shaded lines pale, rough and blurred. Figs: _____</p> <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS: <input checked="" type="checkbox"/> 37 CFR 1.84(p) <input type="checkbox"/> Numbers and reference characters not plain and legible. <input type="checkbox"/> Fig: <u>3A-30,5</u> <input type="checkbox"/> Fig: legends are poor. Fig: <u>2A-4c,6,7</u> <input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) <input type="checkbox"/> Fig: _____ <input type="checkbox"/> Line alphabet not used. 37 CFR 1.84(p)(2) <input type="checkbox"/> Fig: _____ <input type="checkbox"/> Numbers, letters and reference characters must be at least 32.6 (1 1/8 inch) in height. 37 CFR 1.84(p)(3) <input type="checkbox"/> Fig: _____</p> <p>13. LEAD LINES: 37 CFR 1.84(p) <input type="checkbox"/> Lead lines cross each other. Figs: _____ <input type="checkbox"/> Lead lines are sing. Figs: _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS: 37 CFR 1.84(t) <input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheets: _____</p> <p>15. NUMBERING OF VIEWS: 37 CFR 1.84(u) <input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Figs: _____</p> <p>16. CORRECTIONS: 37 CFR 1.84(w) <input type="checkbox"/> Corrections not made from prior PTO-948. <input type="checkbox"/> Cited: _____</p> <p>17. DESIGN DRAWINGS: 37 CFR 1.152 <input type="checkbox"/> Surface shading shown not appropriate. Figs: _____ <input type="checkbox"/> Solid black shading not used for color contrast. Figs: _____</p>
COMMENTS	

REVIEWER: J. Chaves DATE: 4-29-02 TELEPHONE NO. 703-305-8430

ATTACHMENT TO PAPER NO. _____

Attachment for PTO-948 (Rev. 03/01, or earlier)

6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTO-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.